

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

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Volume 8 - Issue 15 - Friday, February 9, 1973

Rose Thorn Staff

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the THORN



VOLUME 8 — NUMBER 15

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, IND.

FRIDAY, FEBRUARY 9, 1973

Engineer's Day Planned

A concrete canoe that floats, testing your automobile as a possible polluter, some new ideas in fighting water pollution and a computer that will play blackjack . . . all part of Engineers' Day '73 on the Rose-Hulman campus Saturday, Feb. 17, from 10 a.m. till 3 p.m.

The theme of the annual program, which is held in conjunction with National Engineers' Week, is "A Better Environment Through Technology."

Each department at Rose-Hulman will provide its share of exhibits which will be located in the Main Building.

Guided tours will be available or guests can check at the numerous student designed and constructed displays on their own.

Serving as student chairman of Engineers' Day is Robert L. Connon, of Mishawaka, president of the Rose-Hulman chapter of Blue Key honorary fraternity. Jay M. Ludlow, Indianapolis, is working with various industries who will provide displays and projects during the day-long program. Serving as student publicity chairman is Robin A. Skitt, Terre Haute, who is working with the local chamber of commerce and high schools in an effort to inform those interested locally in the annual program.

Parents and their guests are welcome, admission is free and lunch will be available in the college's snack bar located in Hulman Union Building.

PHYSICS MAJORS HONORED

Two students pursuing the physics program at Rose-Hulman Institute of Technology have been given the honor of presenting technical papers at the annual meeting of the American Association of Physics Teachers in New York City this week.

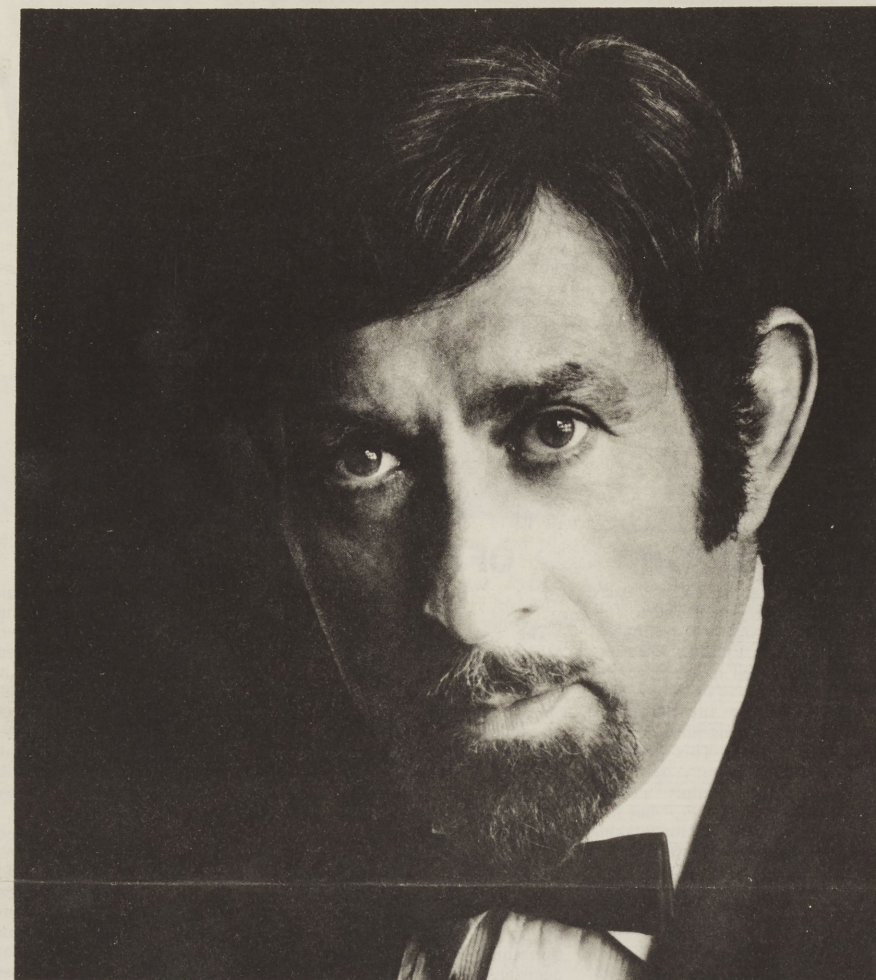
Paul C. Schmidtke, a senior physics major from Geneva, Ill., will give a paper entitled "Construction of a Newtonian Reflecting Telescope"—a paper developed through construction of a 12-inch telescope on the local campus.

Student leader on the project, his paper covers the basic principles of telescope construction from initial ideas to the completed instrument. General concepts, quality of optics and optical supports, mounts versatility and accessories are discussed in the paper.

David G. McClain, a junior from Painesville, Ohio, will present a paper on "Computer Calculation of Stellar Interior Structure."

McClain's paper is on the use of Fortran programming on an IBM 360-25 digital computer for stellar interior structural calculations. Included in the talk are a brief description of the mathematical models used, equations for energy production rates and other techniques employed in his research.

The young men elected physics through Rose-Hulman's Division of Physics and Electrical Engineering. Their work in these specialized areas represents one phase of undergraduate re-



John Kolisch will present "PHENOMENA OF THE MIND" during Convo Hour Monday, Feb. 12.

search supported by the Dean's Discretionary Fund at the college.

Dr. John W. Rhee, professor of physics, advised the students on their papers.

TRACK TEAM HOSTS ALL-COMERS MEET

Track teams from DePauw, Wabash, Evansville, Butler and Indiana State are expected to compete in the Rose-Hulman All-Comers Track Meet Saturday, Feb. 10, at Shook Fieldhouse.

A similar meet was held Jan. 27 and marked the first use of the new indoor Tartan track facility.

In an "all-comers" meet no team scorers or individual scorers are kept. The purpose of such competition is to give athletes a chance to improve on their conditioning and individual skills while in a meet-like competitive atmosphere.

In the earlier meet several Rose-Hulman track members showed good early season form. Tom Hans placed first in the 600-yard run and the two-mile run. Randy Robertson also won two first place finishes with victories in the one and two-mile runs. Senior Ernie Jones placed second in the pole vault and long jump, while junior Dennis Dierckman also had two second place finishes in one and two mile competition.

Saturday's track action will start at 12:30 p.m. with field events. Running events will start at 1:00.

SCHOOL ANNOUNCES GRANTS

Rose-Hulman Institute has been named one of 124 colleges and universities to be included in the General Motors Scholarship Plan for the fall of 1973.

The scholarships will be awarded to entering freshmen and may be renewed through the normal four undergraduate years.

Rose-Hulman is one of only 63 private institutions to receive the unrestricted grant-in-aid which varies from a minimum of \$500 to a maximum of \$800 per year depending on financial need. General Motors established its Scholarship Plan in 1955 with the guidance of leading educators. To date, General Motors has helped more than 6,000 students of these GM scholars graduated in the top quarter of their classes, and a majority plan to continue their education at the graduate and professional levels.

Six students currently enrolled at Rose-Hulman have received GM scholarships through programs identical to the plan to be used this fall. They include seniors James B. Hastings, Washington; and Michael D. Bennett, Chicago, Ill.; juniors Thomas E. Hunt, Terre Haute and Richard Flora, Warsaw; sophomore Thomas E. Polster, Evansville, and freshman James Lappin, North Liberty.

Rose has also received an unrestricted direct grant of \$3,000 under the Eastman Kodak Company's Educational Aid

Program, it was announced Thursday by Dr. John A. Logan.

Rose is one of 136 four-year privately supported colleges and universities to receive direct grants from the company. The grants are based on the number of graduates from these institutions who joined Kodak within five years after graduation and are presently completing their fifth year of company employment.

Rose-Hulman received the grant as Dexter L. Hill completed his fifth year with the company. Hill, a 1967 graduate in mechanical engineering, currently is a development engineer in the Kodak Park Division.

MYERS ANNOUNCES COMMUNITY VISITS

Rep. John Myers (R-7th) announced that a regular schedule of weekly visits to communities throughout the Seventh District will be implemented during the week of Feb. 12th.

Myers said that his district representative, Robert Rouse, will devote one day each week to regularly scheduled business hours in various communities to permit constituents to voice their opinion and problems directly to his office.

Congressional business in Washington usually prevents the representative from making personal contact with residents of the Seventh District during the regular Monday through Friday work week. Yet, this is the time most convenient for many who have a problem or suggestion they want to bring to his attention.

John Kolisch Convo

Don't miss John Kolisch, February 12, convo hour in the auditorium. Kolisch will not only amaze and fascinate you—you will even discover fantastic powers of your own that you never before imagined even in your wildest dreams. He will show you how to hypnotize yourself so that you can have greater control over your mind, your body and your destiny. Learn secrets, techniques and processes you never knew existed. Plus, you will be delightfully entertained with amazing feats of Mind-Reading, ESP and Hypnotism. John Kolisch's witty, humorous presentation and performance will provide a hour of great enjoyment, pleasure and thought-provoking discussion.

CATHOLIC STUDENT CENTER

Congratulations, guys! The March of Dimes has received \$11.38 from the people here at Rose. ISU gave almost twice that amount. But of course they also have 17 times as many people. Many Thanks.

Well, it seems the number of Rose-men going to the center has increased some over the past few weeks. Obviously, more guys are becoming aware of the benefits of the place. We have a dance scheduled for Feb. 17 and the coffeehouse will be on the 24th. Anyone interested in performing at the coffeehouse should contact me: Bob Klim, campus box 115-J or ext. 263 (312 Blum.).

The center is open until 11:30 Sunday through Thursday and until ? on Friday and Saturday nights. If you just want to talk to someone or want to become involved in any of the programs, drop in any time; there is always someone around. If you need transportation or want information about any aspect of the center, let me know. Remember: Everyone is welcome!

The obscure Galic mathematician, Hoffmanvan Ricksonmer, discovered the value of pi 200 years before his Greek counterparts. Unfortunately his wife ate it before he could reveal his discovery.

"I was encouraged by the response last fall to area meetings conducted by our staff and therefore have decided to make them a permanent part of our service to the people of the Seventh District. We will continue to operate on a full time basis in the main district office in Terre Haute and add to that the convenience of regular office hours in each county for those who want to talk directly with our office," Myers said.

Representative Myers said that he will continue to return to Indiana for weekend meetings and events depending on Congressional business. Myers has made an average of three such trips a month since taking office and feels that his contact with the people to be one of his important responsibilities as representative from the Seventh District.

EDITORIAL VIEWPOINT

by G. C. E.

As everyone at Rose knows, our computer center is an utter farce. The situation is so bad that no one even wants to talk about it anymore. This editorial was to be about how to improve the situation, but the powers that be have already decided that they don't really want to improve it. After all, a new athletic center is much more impressive to an alumni than a new computer. So, you ask, why am I writing this? Well, it so happens there is more than one way to improve a situation. Since we can't get our programs back any faster, why not try and improve the wait. We wouldn't rush into anything at first. Say just put in a few pinball machines in the back of the center. As soon as they caught on we would move on to bigger and better things. The next thing to install is a computer help booth. . . only seven cents. Right next to that we could put up a computer-run lottery. Place bets on when a given program would come out. Maybe even bribe the operators to change a priority or two. Now with this added incentive maybe we could get the operators to stay a little longer, cause those bribes could add up. All of these little diversions are going to add up to quite a tidy sum of money, and guess where that money can go to. Right! Buy a new mini-computer. For only about \$10,000, we can get a really cute model with a Fortran V compiler. That's one up on Purdue! And all this can be accomplished without any financial help from the school. The alumni can have their pretty new gym and the students can get a real computer. Of course, the Dean probably won't like this idea, but then, the students don't particularly like the idea of being stuck with this computer.

ENGINEERS' DAY '73
SATURDAY, FEB. 17
10 A.M. - 3 P.M.

LETTERS TO THE EDITOR

Dear Editor:

For sometime now I (and many others) have been distressed by the Thorn's policy of "before the fact" reporting, of important events here at Rose. I cite as an example the appearance of Prof. Buckminster Fuller. This man made points concerning man and engineering that could not have been more relevant to every single student and professor here at Rose. Yet, instead of taking the opportunity for writing an article reviewing and commenting on those points (both for the benefit of those who were and were not there to hear them), the story entitled "Buckminster Fuller Seminar Highlights" was merely a statement of the fact that he was here and a small bit about his background—a glorified poster—obviously written before Prof. Fuller even gave his seminar. Though I realize that the Thorn's staff is pressed for time as is, I hardly think that with this type of treatment to articles of importance that the editor can complain that it's hard to put together a newspaper because "... hardly

anything is going on." (From "Contribution," the Thorn Vol. 8, No. 11). An event as important as Prof. Fuller's talk certainly deserved more journalistic effort and more column space, to help fill the many "empty" columns already "filling" the Thorn. This type of a priori reporting may be a convenient way for simply "getting a newspaper together," but it is hardly satisfactory for making the Thorn a meaningful tool for communication at Rose.

Sincerely,
Rob Entreklin

EDITOR'S NOTE:

Of course you are right, Rob. The Fuller convo scheduled Wednesday could not possibly have been covered last issue. Unfortunately, due to our Monday deadline, and the fact that we publish only once a week, we did some "a priori reporting." However, we felt waiting a week and a half would be too much. Our hands are tied in this respect, but I would point out that we did publicize the convo two weeks earlier.

ENTERTAINMENT

by Jim Kane

CINEMA I—"Jehemiah Johnson"
CINEMA II—"Sunder"
MEADOWS—"They Didn't Know"
INDIANA—"The Poseidon Adventure"
GRAND—"Trouble Man"
PLAZA—"The Getaway"

TMUB FILMS—"Billy Jack", Friday Feb. 9.

"Summer of '42", Sunday, Feb. 11—both at 8:00 p.m.—Both only 75c.

Saturday, Feb. 10—ROSE TRACK MEET at 12:30 in the field-house. Go see who can run the fastest and jump the highest, etc.

Friday and Saturday—MARY SMITH, in the coffeehouse at 8 p.m. Only a quarter.

Saturday, Feb. 10—Big Ten B-Ball, Minnesota vs. Ohio State—Channel Ten at 1:30 p.m.

CBS Golf Classic, Channel Ten at 4:00 p.m.

the THORN

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PESSIMISTS CORNER

Now that the Vietnam war is practically over for America at least, let us examine what it cost us. No two people seem to agree, but somewhere around 140 billion bucks were spent, and about 40,000 of our boys died there. For that amount of money, a perpetual party could have been created. Everybody would be too busy having fun or would be too drunk to kill each other. Or, give all the belligerents a thousand bucks and tell them to go home, or offer to buy their rifle.

Another item that might entertain you is this article that I read in the editorial column in a Chicago newspaper, and I quote:

"Thousands of good Christian people have been yearning for just retribution against North Vietnam. For more than a decade the Communists have been responsible for the torture and death of useful and harmless civilians in South Vietnam. Thank God for the destruction of Hanoi. May President Nixon be praised!" What can I say? 'Christian people' don't wish destruction on anybody.

For those of you fortunate souls who saw Grand Funk Railroad on T.V. a few weeks ago, how did you like all of those commercials? At one time, there were about 7 or 8 commercials presented in a row!! They obviously eliminated one of their songs, as the T. V. guide listed one or two more than the number played. With a radio in the background for that stereo effect, what more could you ask for? Then those commercials struck. First was a ridiculous ad for a mouth fresher, then one for a used car dealer, then one for some armpit juice of sorts, then one for some real estate, etc. None of the commercials were even third class material. G.F.R.'s spot for their Phoenix House wasn't too bad, and it didn't even eliminate a whole song. But eight commercials at about 30 seconds apiece is too much. Evidently the censors worked over the group. As poor Mark Farner couldn't even say "nickle bags". Anybody that's up past midnight would know what he was singing about, and certainly not get 'puritanical' about it.

One last item—it's about that guy with the motorcycle in Mees Hall. Whoever wrote that article found a quality that could stand as an inspiration to other pessimists. I quote: "John is prepared to fix anything that goes wrong, anywhere in the world (He prides himself on being a true pessimist and always being ready for anything and everything.)" One look at his cycle before a long trip would possibly confirm a previous requirement for a pessimist—that he carry enough spare parts while on the trip to be able to construct another vehicle while parked on the side of the highway.

Finals are coming!

STONEY

by Stan Sinclair



Yes, I wanted a heavy rockgroup, however ...

OFFER YOU CAN REFUSE

Ron Selby

The Army wants me! At least that's what Col. Gilmore said in a letter he sent to me and all the other sophomores last week. They want me, long hair, beard, jeans, and everything. Those guys must be hard up if they want a subversive anti-American anarchist like myself. The letter said I was at a "crossroad in my life." I've heard that tune a few times in the past. It seems like everytime I turn around somebody's jumping up and down and screaming something about life and death decisions I'm making. Well, I'm only 20, so I really can't feel like any decisions I'm making are that important.

Anyway, this is one decision that's not too tough. I gave up playing soldier when I was about 12. It was kind of fun back then, but after a few years I got tired of it. Of course, a lot of people never do quit playing. They get addicted, I guess, and eventually they have to discard their toy guns for ones that will give

them a bigger kick. One could call it cheap thrills, I suppose, except that it doesn't seem too cheap when they shoot real bullets at real people. And of course, the habit gets bigger as time goes on. Pretty soon you're not satisfied with bullets, you move up the scale to H-bombs and atomic subs and ABM's and the like. Those are definitely not cheap thrills.

Of course, the military does serve one useful purpose. Those guys are running around inside of their special camps instead of directly threatening us civilians. The trouble is, sometimes they get loose and start shooting at us in the rice paddies and college campuses. If we could only talk them into moving to the back side of the moon, and taking all of their overgrown toys with them.

I just had another thought—if nobody wanted to play soldier anymore, it would be pretty hard to have any wars, wouldn't it? Well, I'm going to try in a small way to prevent war. I'm not going to join. I doubt if Rose ROTC really wants me, anyway.

HAPPENINGS

Good News—As a result of the student-faculty meeting last Tuesday, spring quarter is being cancelled due to complete lack of interest. Everyone will just have their glorious "cums" raised or lowered by 0.1, depending on which way the coin toss goes.

Leonard Straight continues to be the model intramural player, powering his teams to basketball and volleyball victories. He might just be voted MVP intramural player this year, and have a good chance to be inducted into the intramural player's hall of fame. Good work, Straight!

Grand Funk Railroad continues to churn out more good concerts than Suc-ga has bad meals. Siegal-Schwall Blues.

Band should be just as good. If you miss them, you've missed it.

Cecil Whitaker is continuing his search for the made Jell-o bomber. The unknown bomber scored a direct miss on Cecil, using the excellent Suc-ga Jell-o. Who will the mad bomber strike next?

Room for Improvement—Now that the U.S. is out of Vietnam, why do people still complain about the situation in Vietnam? The people who said, "Get the hell out" are now saying "boy, what a bad thing we are doing in Vietnam." Some people are never satisfied.

Loose idea—If you have trouble (like myself) getting a date to see Siegal-Schwall, try this technique. Go to ISU, find an average chick, slap her on the butt and say, "Do you want to see Siegal-Schwall?" Results are guaranteed.

So True—The physics department is being sued for \$100,000 for eye damages suffered by Fred Schwartz, a student of '70. Fred urges all other students who have suffered to please contact him and get in on the action.

The End—Yes, the end of winter term is only two weeks, three days away, unless you were stuck with World Dynamics. Think twice spring quarter before signing up with Thad Smith.

ODE TO A 1620

Twas the day the computer broke down in a heap,
And everyone everywhere started to weep:
Oh, we are so cursed, our fate we deplore,
Our Sixteen-and-Twenty is working no more.
Who will now save us, to whom can we turn?
Without our computer we never will learn.

And then all at once they heard quite a clatter,
They ran to the reader: And now what's the matter?
A strange voice then started to holler and hoot:
Come Gotran, come Loader, come on Fortran Boot.
Quick, give me a job card, some record marks, too,
For I'm the C.E. man. I'll fix this for you.

The students then started their laughter and cheers:
The C.E. man hunted, and tinkered, and worked;
At last he arose: This thing just won't work,
Nobody can fix this, not even the best,
A Bendix G-15 is what I suggest.

The students, then angered, rose up en masse,
They threw the C.E. man right on his ---,
But all was not lost this dark, gloomy day,
For CFI walked up, and all heard him say:
Just push your Non-Process, for that clears the way.
Now run all your programs the rest of the day.

Now you know the story, the reason why
Everyone sings praise of the great CFI.

The Lone Ranger Sells Out

BY M. D. KNIGHT

After reading several copies of the *Thorn*, it seems that what is needed is something that will grab the reader. I mean, something that, whether he agrees or not, will cause the reader to stop and think.

Enclosed is a short bit of humorous (?) copy. If you can use it, fine; if not, what the hell? It may come in handy if you ever run out of Sears-Roebuck catalogue pages in the old two-seater back home.

In America today there seems to be an ever-increasing idea that all's fair in the field of advertising. In advertising we have already seen such out-of-character things as Joe Namath selling popcorn poppers instead of the flashy clothes one would expect, or Arthur Godfrey plugging cars rather than the toothpaste he seemed such a natural with. I guess

they'll put anyone to selling cars today, though.

And that's my gripe. I mean, I can put up with Broadway Joe pushing popcorn poppers, and I can even watch Arthur Godfrey rattle on about "unibody construction" and still keep my lunch down. But what I can't stand is seeing traditional American heroes selling out. Well, I could see some guys selling out, but the latest one has caught me by surprise. I am referring, of course, to the famous Masked Man, The Lone Ranger.

Yes, sadly to say, the Masked Man and Tonto have prostituted their images as crime fighters for a few crummy bucks (before, they wouldn't even wait around for "thank-yous!"). Now, instead of seeing them ride off into the sunset to the cry of "Hi-Ho, Silver!", we will probably hear "Right-On,



Mary Smith - Now At The Mind Garden

Mopar," or something of the sort—if we can hear anything above the roar of their high-performance mill. Instead of a rearing stallion, we can expect a new trademark, such as a wheelstanding metallic monster. Already The Lone Ranger has given up his talks about the virtues of law and order; for a substitute we are fed a spiel about the virtues of "torsion-quiet ride" and "electronic ignition systems," and anything said about good-versus-evil is merely coincidental.

I really shudder to think of what could be next.

Community Banquet

Lambda Chi Alpha fraternity will sponsor a Community-Exchange Banquet Sunday, Feb. 11, with Republican Congressman John Myers to be the featured speaker.

The program, to be tried for the first time by the fraternity, will begin with a reception at 4:30 p.m. at Hulman Union. A banquet will follow at 5:00 p.m.

Byers Made Commander

Cadet Col. Mark E. Byers, Rushville, recently was sworn in as commander of the U.S. Army R.O.T.C. Brigade at Rose-Hulman Institute of Technology.

Byers, son of Mr. and Mrs. Ralph O. Byers, R.R. 3, Rushville, is a senior majoring in physics.

Col. Robert L. Gilmore, professor of military science and commanding officer of the U.S. Army R.O.T.C. detachment at Rose-Hulman, conferred command on Cadet Col. Byers with the presentation of the Johnson Sabre in ceremonies at the college.

The Johnson Sabre, which is given annually to the Rose-Hulman Brigade commander as a symbol of his command, is a memorial to Robert Johnson, who was killed in an automobile accident shortly after he took command of the Rose Brigade in 1967.

Byers has won various military leadership awards while at Rose-Hulman.

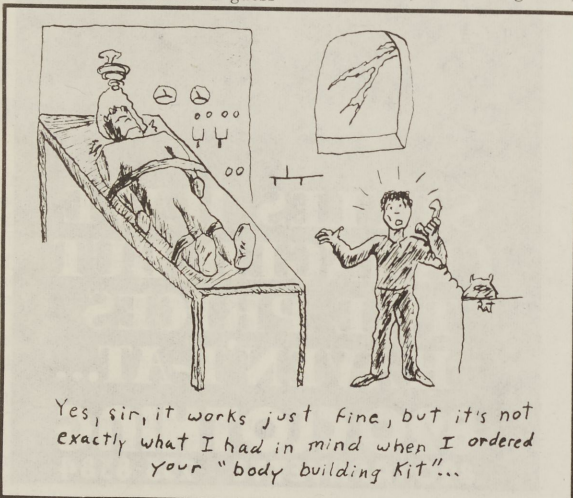
ISU PROF. EXHIBIT

A one-man exhibition of recent paintings by Indiana State University art professor Charles Reddington will open at the Sheldon Swope Art Gallery Sunday, Feb. 4. Mr. Reddington will be present and will be honored with a reception at 3 p.m. presented by the Women's Division of the Swope Art Gallery. The public is cordially invited to attend. Mrs. Luis Curcio will be hostess and will be assisted by Mrs. E.V. Burget, Mrs. John Spitzer, and Mrs. Edward Reininger.

Reddington's exhibit is presented under the witty title "Airplanes are alive, well and flying high in the sky!"—a fitting title, for all of these works are witty and real as well as colorfully eye-catching. But there's more than simply meets the eye, for Reddington's paintings and drawings are serious statements, as a visit to this show quickly discloses.

Reddington joined the art faculty of Indiana State University in 1970. He was born in Chicago and received both the Diploma of Painting and Drawing and the BFA from the Art Institute of Chicago. In 1970, he took the MFA from Southern Illinois University in Carbondale. Between 1959 and 1967 he taught in Australia and studied and travelled extensively in Europe. He has exhibited in major shows throughout the United States, Europe and Australia and his works are included in public and private collections both here and abroad. This exhibit which will continue through March 2, is Reddington's first one-man show at the Sheldon Swope Art Gallery.

The Sheldon Swope Art Gallery is open Tuesday through Saturday, 12 noon to 5 p.m. on Sunday from 2 p.m. to 5 p.m. and on Tuesday evening from 7 to 9:30. The Gallery is closed regularly on Monday. Admission is free at all times. Guided tours for groups may be arranged by appointment. For information, phone 232-2180.



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Rose Goes To Regionals

Through the month of December, the Student Activities Board of Rose-Hulman sponsored school-wide tournaments to determine Rose-Hulman's representatives to the American College Union International regional tournament to be held at the University of Illinois on February 16 and 17. Competition was held in five areas: chess, table tennis, pocket billiards, bridge, and bowling. The entire student body was invited to participate and the response was very good, with just under 100 people taking part in the five separate competitions. The winners will be able now to perform their specialties against the best from schools covering a two-state area (Indiana and Illinois) with the ultimate goal being a trip to the international championships, which will be held at five different sites (depending upon the competition involved) located all over the United States. In the event of a victory in the regionals, the winner or winners would earn an all-expense paid trip to the international competition.

In the local Chess competition, four representatives emerged victorious and will go on to Illinois. The names are familiar to most Rose Students as they have always been very prominent in chess at Rose. The winners were Dave Dibble, Rob Ellis, Dennis Antoline, and Dennis Paustenbach.

In table tennis, Asohke Sarkar, was the first place winner, with the Nguyen Tot going as the second singles player.

In doubles, Sarkar teamed with Alex Cochart to earn the right to compete at Illinois. Table tennis is a competition in which Rose has fared well in past years at the Regional when Noble Cleveland Blair III, in competition three years ago with a bare wooden paddle, stormed to victory in the finals against the Purdue champion.

In bridge, the representatives were again well-known figures, although not for this particular type of competition. Mike Box, who so brilliantly starred as Rose's quarterback for three years until a knee injury dramatically halted his great career, and Jerry Demeyer, who has been a mainstay for the Engineers for four years, used their minds instead to qualify as one team of bridge representatives to the Regionals. The other team, which will represent Rose is Bill Sako and Howard Anderson, who finished sec-



The Rose-Hulman R.O.T.C. Band, Color Guard and Rose Rifles have just returned from a tour of southern Indiana and Kentucky.

The band performed concerts at six high schools in southern Indiana and Louisville, Ky.

This was the fifth straight year that the band has made such a concert tour of parts of the mid-west.

The band is directed by Jim Church and student director Gary Bowman.

ond in the competition.

In bowling Rose will have five representatives to Illinois, who were able to defeat a large field of talented competitors. The five will be Geoff Germane, Rich Pappa, Steve Hale, Steve Clarke, and Carl Huber.

The final competition was held at Rose in pocket billiards. Probably never before has any one individual so dominated a particular sport at Rose as the great Ray Kominarek has in pocket billiards. For four years Ray has completely outclassed everyone in the Rose student body and this year is no exception. In fact, after the past 3 years of his dominance, there was no one in the student body who could even muster up enough courage to challenge him and he will waltz into Regional competition uncontested.

Intramural Sports

In Major volleyball the leaders of the two divisions are EN and TX, both with a record of 6-0. These appear to be the teams that will see action in the playoffs. EN has one game left against the faculty and TX has one game left against Triangle.

In Major basketball EN beat Blumberg-Sharpenburg by 12 points with reserves playing most of the game. Jeff Wilson played a fine game for EN scoring 18 points. Gary Hedrich played a phenomenal game for

Blumberg-Sharpenburg.

In IF action this weekend EN beat ATO 77-61. Scott Koehne was the standout for EN scoring 25 points in the three quarters he played.

As the intramural schedule enters its last two weeks a look at the minor leagues shows that EN is tied for the lead in two divisions with Blumberg-Sharpenburg and LXA, while LXA leads by itself in a league. Two dorm teams lead the other minor leagues, these are Speed and Deming-Meese.

Dougan Moves Up

Gary Dougan, who a couple of weeks ago passed the 1000-point plateau for his basketball career at Rose-Hulman, is continuing on his way up the ladder of scoring leaders. Gary has been a four-year starter for the Engineers and has been a very steady performer throughout his career, consistently averaging in double figures. His year to year totals are: freshman, 258; sophomore, 330; junior, 273; and senior, 195 (19 games). Gary scored 9 points against powerful St. Joseph's to raise his point total to 1056 and move up to fifth place among the Rose scoring immortals, passing Jerry Wones (1040) and Dave Yeager (1047). Of course, those of us who are seniors remember some of the players who stand ahead of Dougan such as Don

Ings and Tom Butwin and realize that Gary has little chance to catch them. However, in the remaining five games Dougan needs 78 points in order to pass George Shaver (1134) and move into fourth place. Gary also stands fifth among all time Rose rebounders with 683 over his career. Gary, among other things, is a member of Sigma Nu fraternity, Blue Key, and winner of the Cummins Award.

BASKETBALL REVENGE?

With hopes that an opponent's gym will prove more friendly than Shook Fieldhouse, the Engineers will take their hopes for victory to St. Louis and Elsau, Ill., this weekend for return contests with Concordia of St. Louis and Principia College.

Last Saturday the Engineers were outrun and outshot by what has to be the best team to play in the fieldhouse this year as Rose-Hulman fell to St. Joseph's 111-66.

The only good thing about the contest was the ability of senior center Gary Dougan to become the fifth all-time scorer in Rose-Hulman history. Dougan now has over 1055 points.

The Engineers will try to avenge to earlier losses to Concordia and Principia. Rose-Hulman was beaten by Concordia 69-62 and lost to Principia 76-54.

To show the unpredictability of college basketball, the Engineers have twice this season recorded victories over Illinois College, a team that has beaten Principia.

Seniors Dougan and Joe Snyder, along with sophomores Bill Ransbottom and Denny Towns-land continue to lead the Engineers in scoring. All have averages over 10 points per game.

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